bs-23278R **[Primary Antibody]**

Wnt3a Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 89780 **SWISS:** P56704

Target: Wnt3a

Immunogen: KLH conjugated synthetic peptide derived from human Wnt3a: 135-230/352.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: The WNT gene family consists of structurally related genes which encode secreted signaling proteins. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis. This gene is a member of the WNT gene family. It encodes a protein which shows 96% amino acid identity to mouse Wnt3A protein, and 84% to human WNT3 protein, another WNT gene product. This gene is clustered with WNT14 gene, another family member, in chromosome 1q42 region. [provided by RefSeq, Jul 2008]

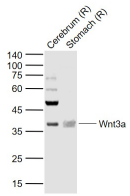
Applications: **WB** (1:500-2000)

Reactivity: Rat (predicted: Human, Mouse, Rabbit, Pig, Sheep, Cow, Dog)

Predicted MW.: 37 kDa

Subcellular Location: Secreted ,Extracellular matrix

VALIDATION IMAGES



Sample: Lane 1: Cerebrum (Rat) Lysate at 40 ug Lane 2: Stomach (Rat) Lysate at 40 ug Primary: Anti-Wnt3a (bs-23278R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 39 kD Observed band size: 39 kD

SELECTED CITATIONS

- **[IF=7.9]** Zhen-Ye Luo. et al. Coptidis Rhizoma processed with Evodia Rutaecarpa improves the effect on ulcerative colitis by increasing intestinal energy metabolites alpha-ketoglutarate and Lactobacillus reuteri. PHYTOMEDICINE. 2023 Sep;:155115 WB ;Mouse. 37801896
- **[IF=5.895]** Yu-Sheng Shi. et al. Pteris laeta Wall. and Its New Phytochemical, Pterosinsade A, Promote Hippocampal Neurogenesis via Activating the Wnt Signaling Pathway. J AGR FOOD CHEM. 2023;XXXX(XXX):XXX-XXX WB ;Murine. 36892329
- **[IF=2.534]** EnShuang Xu. et al. Establishment and transcriptome characterization of tamoxifen-resistant canine mammary gland tumor cells. Res Vet Sci. 2022 Feb;: WB ;Dog. 35193047
- **[IF=0]** Liyi Huang. et al. Enhanced effect of combining bone marrow mesenchymal stem cells (BMMSCs) and pulsed

electromagnetic fields (PEMF) to promote recovery after spinal cord injury in mice. MedComm. 2022 Aug;3(3):e160 WB ;Mouse. 35949547